

ARJUN PATHAK

Data Analyst

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PROFESSIONAL SUMMARY

Results-driven MIS Consultant and Data Analyst with proven expertise in designing, maintaining, and optimizing reporting systems to support strategic and operational decisions. Skilled in managing large datasets, ensuring data integrity, and creating actionable dashboards for cross-functional teams. Proficient in SQL, Excel, and Power BI, with experience in automation, process optimization, and stakeholder coordination. Adept at turning raw data into insights that improve efficiency and drive business growth.

SKILLS

- Data Management & Reporting: MIS Reporting, Dashboard Creation, Data Visualization, Insights Extraction, Dashboard, Dashboard Reporting, Machine Learning, Github
- Tools & Technologies: SQL, Power BI, MS Excel, Python (NumPy, matplotlib, seaborn), Uipath
- Databases: PostgreSQL, MySQL, AWS
- Techniques: Data Cleansing, Statistical Analysis, Trend Analysis, Process Optimization, Quick Sight
- Collaboration: Cross-functional Coordination, Requirement Gathering, Stakeholder Management

EXPERIENCE

PYOR(Power Your Own Research) **Data Analyst Nov-2023-Mar -2025**

Bengaluru, Karnataka

- Designed and deployed SQL queries leveraging geospatial functions to analyze cryptocurrency transaction patterns and map user behavior across geographies.
- Built and maintained automated web scraping pipelines to acquire cryptocurrency data from various sources, including exchanges and market aggregators resulting in an 80% reduction in manual efforts and saving approximately 70 men-hours per week using SQL, Python, AWS(S3).
- Assisted Business development team and marketing team to scrape data for competition analysis on twitter, performed sentiment analysis for the same, aided engagement of \$20k for a new business vertical..
- Collaborated with business teams to integrate geo-tagged social sentiment data (e.g., Twitter) into product development analytics.

Mitiosys Services PVT LTD **Data Analyst 2022-2023**

Greater Noida,

- Optimized and maintained large SQL databases (MS SQL Server, PostgreSQL), including the use of spatial SQL functions for regional performance analysis. Conducted geospatial modeling for customer segmentation based on location and transaction density.
- Automated data pipelines for location-based sales insights, contributing to the development of a data-driven recommendation system.
- Contributed to visual analytics using Tableau and Power BI for regional business performance dashboards.
- Formulated and managed data-driven projects aligned with strategic business initiatives, leading to an additional \$30K in revenue for the company by optimizing processes and delivering actionable insights.

ACHIEVEMENT

Go Getter Award (PYOR)

For demonstrating exceptional ownership, relentless drive, and proactive problem-solving in managing enterprise client projects with excellence.

PROJECTS

Power Bi Project - Sales Report ([Dashboard](#))

- Designed and developed an interactive Power BI dashboard to analyze sales performance segmented by region, material type, and transport mode, enabling management to track trends and patterns effectively.
- Built drill-down and filter functionalities to allow users to perform regional and material-level sales comparisons, supporting faster decision-making.
- Automated data refresh schedules and enhanced visualization with custom charts/maps for geographical sales insights.

Machine Learning Project – Fire Weather Index (FWI) Prediction

- Developed a predictive model to estimate the Fire Weather Index (FWI), a key environmental indicator ranging from 0 to 31.1, using Linear Regression.
- Conducted data preprocessing, including handling missing values, feature scaling, and exploratory data analysis (EDA) to understand the correlation between weather variables and fire risk.
- Selected relevant features such as temperature, relative humidity, wind speed, and rainfall based on domain relevance and statistical analysis.
- Trained and evaluated a Linear Regression model, achieving performance assessment through R^2 score, mean squared error (MSE), and visual inspection of predictions vs. actuals.

Machine Learning Project – Loan Approval Prediction(Classification)

- Developed a classification model to predict loan approval status using a dataset with demographic, financial, and credit history features.
- Performed data cleaning, feature engineering, and exploratory data analysis (EDA) to identify patterns influencing approval rates.
- Trained and evaluated models including Logistic Regression, Decision Tree, and Random Forest, achieving high accuracy and F1-score on test

EDUCATION

Rajiv Gandhi Proudhyogiki Vishwavidyalaya
Bachelor of Engineering

Bhopal, India
2014-2018